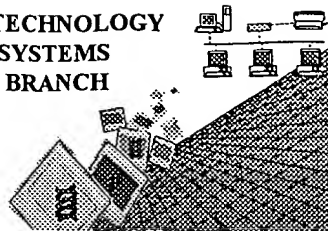


BIOTECHNOLOGY  
SYSTEMS  
BRANCH



**RAW SEQUENCE LISTING**  
**ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/869,309  
Source: PT/09  
Date Processed by STIC: 1/21/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

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**VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND  
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Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

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PCT

## RAW SEQUENCE LISTING

DATE: 01/21/2003

PATENT APPLICATION: US/09/869,309

TIME: 09:47:49

Input Set : A:\990661D1a.txt

Output Set: N:\CRF4\01212003\I869309.raw

3 <110> APPLICANT: Hofmann, Kay  
 5 <120> TITLE OF INVENTION: Protease  
 7 <130> FILE REFERENCE: Protease Memorec  
 9 <140> CURRENT APPLICATION NUMBER: US 09/869,309  
 10 <141> CURRENT FILING DATE: 2002-10-16  
 12 <150> PRIOR APPLICATION NUMBER: 19902550.9  
 13 <151> PRIOR FILING DATE: 1999-01-22  
 15 <150> PRIOR APPLICATION NUMBER: 19925946.1  
 16 <151> PRIOR FILING DATE: 1999-06-08  
 18 <150> PRIOR APPLICATION NUMBER: 19929115.2  
 19 <151> PRIOR FILING DATE: 1999-06-24  
 21 <160> NUMBER OF SEQ ID NOS: 20  
 23 <170> SOFTWARE: PatentIn Ver. 2.1

## ERRORED SEQUENCES

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 530 <211> LENGTH: 257  
 531 <212> TYPE: PRT  
 532 <213> ORGANISM: Mus musculus  
 534 <400> SEQUENCE: 7  
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 539 20 25 30  
 541 Thr Gly His Trp Leu Leu Met Asp Ala Leu Ala Met Gly Leu Cys Val  
 542 35 40 45  
 544 Ala Met Ile Ala Phe Val Arg Leu Pro Ser Leu Lys Val Ser Cys Leu  
 545 50 55 60  
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 548 65 70 75 80  
 550 Ala Tyr Ile Phe Asn Ser Asn Val Met Val Lys Val Ala Thr Gln Pro  
 551 85 90 95  
 553 Ala Asp Asn Pro Leu Asp Val Leu Ser Arg Lys Leu His Leu Gly Pro  
 554 100 105 110  
 556 Asn Val Gly Arg Asp Val Pro Arg Leu Ser Leu Pro Gly Lys Leu Val  
 557 115 120 125  
 559 Phe Pro Ser Ser Thr Gly Ser His Phe Ser Met Leu Gly Ile Gly Asp  
 560 130 135 140  
 562 Ile Val Met Pro Gly Leu Leu Leu Cys Phe Val Leu Arg Tyr Asp Asn  
 563 145 150 155 160  
 E--> 565 Tyr Lys Lys Gln Ala Ser Gly Asp Ser Cys Gly Ala Pro Gly Xaa Ala

Does Not Comply  
Corrected Diskette Needed

pp 1-3

see p.3 for error  
exploration  
1/21/03

## RAW SEQUENCE LISTING

DATE: 01/21/2003

PATENT APPLICATION: US/09/869,309

TIME: 09:47:49

Input Set : A:\990661D1a.txt

Output Set: N:\CRF4\01212003\I869309.raw

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569                               180                               185                               190
571 Ile Gly Tyr Phe Val Gly Leu Leu Thr Ala Thr Val Ala Ser Arg Val
572                               195                               200                               205
574 His Arg Ala Ala Gln Pro Ala Leu Leu Tyr Leu Val Pro Phe Thr Leu
575       210                               215                               220
577 Leu Pro Leu Leu Thr Met Ala Tyr Leu Lys Gly Asp Leu Arg Arg Met
578 225                               230                               235                               240
580 Trp Ser Glu Pro Phe His Ser Lys Ser Ser Ser Arg Phe Leu Glu
581                               245                               250                               255
583 Val

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876 &lt;211&gt; LENGTH: 771

877 &lt;212&gt; TYPE: DNA

878 &lt;213&gt; ORGANISM: Mus musculus

880 &lt;400&gt; SEQUENCE: 15

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→ see p. 3

## VARIABLE LOCATION SUMMARY

DATE: 01/21/2003

PATENT APPLICATION: US/09/869,309

TIME: 09:47:50

Input Set : A:\990661D1a.txt

Output Set: N:\CRF4\01212003\I869309.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of &lt;220&gt; to &lt;223&gt; is MANDATORY if n's or Xaa's are present.

in &lt;220&gt; to &lt;223&gt; section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:7; Xaa Pos. 175

Seq#:15; N Pos. 524,525